### **UTILITY PATENT APPLICATION TRANSMITTAL** (Larg Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. END920030144US1

Total Pages in this Submission

#### TO THE COMMISSIONER FOR PATENTS

**Mail Stop Patent Application** 

				.O. Box 1450 ria, VA 22313-1450			
	nitted he	•	35 U.S.C. 111(a)	and 37 C.F.R. 1.53	(b) is a new utility patent appli	cation for an	
		NALIZING A LEARN	NING SOLUTION			U.S. PT0	
and inv	vented by	/:				22387 10/7;	
Charles A. Hamilton et al.			ASSIGNEE NAME: International Business Machines Corporation ASSIGNEE RESIDENCE: Armonk, NY				
If a Co	ONTINU	ATION APPLICATIO	N, check appropri	ate box and supply	the requisite information:		
	ontinua	tion 🗌 Divisiona	al 🗆 Continua	tion-in-part (CIP)	of prior application No.:		
	ontinua	tion 🗌 Divisiona	al 🗆 Continua	ition-in-part (CIP)	of prior application No.:		
Which	ontinua	tion 🗌 Divisiona	al 🗆 Continua	ntion-in-part (CIP)	of prior application No.:		
Enclos	sed are:		Appli	cation Elements			
1.	⊠ Fili	ng fee as calculated a	and transmitted as	described below			
2.	⊠ Sp	ecification having	11	pages and i	ncluding the following:		
	a. 🛚	Descriptive Title of	the Invention				
	b. 🗵	Cross References t	o Related Applica	tions (if applicable)			
	c. 🗆	Statement Regarding	ng Federally-spon	sored Research/De	evelopment (if applicable)		
	d. 🗀	Reference to Seque	ence Listing, a Tal	ole, or a Computer	Program Listing Appendix		
	e. 🛚	Background of the	Invention				
	f. 🛚	Brief Summary of th	ne Invention				
	g. 🛚	Brief Description of	the Drawings (if fi	led)			
	h. 🛚	Detailed Description	n				
	i. 🛚	Claim(s) as Classifi	ed Below				
	j. 🛛	Abstract of the Disc	losure				

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	Applicati n Elements (C ntinu d)								
3.	X	Drawing(s) (when necessary as prescribed by 35 USC 113)							
	a.	☐ Formal Number of Sheets							
	b.	☑ Informal Number of Sheets1							
4.	X	Oath or Declaration							
	a.	☐ Newly executed (original or copy) ☐ Unexecuted							
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)							
	C.	☑ With Power of Attorney ☐ Without Power of Attorney							
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).							
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.							
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)							
7.		Application Data Sheet (See 37 CFR 1.76)							
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)							
	a.	☐ Computer Readable Form (CRF)							
	b.	☐ Specification Sequence Listing on:							
		i. D-ROM or CD-R (2 copies); or							
		ii. 🔲 Paper							
	C.	☐ Statement(s) Verifying Identical Paper and Computer Readable Copy							
	Accompanying Application Parts								
9.		Assignment Papers (cover sheet & document(s))							
10.		37 CFR 3.73(B) Statement (when there is an assignee)							
11.		English Translation Document (if applicable)							
12.	X	Information Disclosure Statement/PTO-1449   Copies of IDS Citations (non-US)							
13.		Preliminary Amendment							
14.	X	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)							
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)							
16.	X	Certificate of Mailing							
		☐ First Class ☒ Express Mail (Specify Label No.): EV 342659004US							

## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. END920030144US1

Total Pages in this Submission

Accompanying Application Parts (Continued)							
17.		Additional Enclosures (please identify below):					
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)					
18.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.					
		Warning					
`		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.					

### UTILITY PATENT APPLICATION TRANSMITTAL (Larg Entity)

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#### **Fee Calculation and Transmittal**

CLAIMS AS FILED							
For	#Filed	#Allowed	#Extra		Rate		Fee
Total Claims	18	- 20 =	0	x	\$18.00	1,0	\$0.00
Ind p. Claims	3	- 3 =	0	x	\$84.00		\$0.00
Multiple Dependent Claims (check if applicable)							\$0.00
			-		В	ASIC FEE	\$750.00
OTHER FEE (specify purpose)							\$0.00
TOTAL FILING FEE							\$750.00
□ A check in the amount of to cover the filing fee is enclosed. □ The Director is hereby authorized to charge and credit Deposit Account No. 09-0457 as described below.							
<ul> <li>☑ Charge the amount of \$750.00 as filing fee.</li> <li>☑ Credit any overpayment.</li> <li>☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.</li> <li>☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance,</li> </ul>							
pursuant to 37 C.F.R. 1.311(b).  John Puricher  Signature							

Page 4 of 4

John R. Pivnichny, Reg. No. 43,001

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Fax:

IBM Corporation, IP Law Dept. IQ0A, Bldg. 40-3

Dated: 12/05/03

cc: Records

P01ULRG/REV06

CEDTIFICATE OF	MAILING DV HEVDDEGG	MAIL II (27 CED 1 10)	Docket No.				
<b> </b>	CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)  Applicant(s): C. Hamilton et al.						
Applicant(s). C. Hamme	m et al.		END920030144US1				
Serial No.	Filing Date	Examiner	Group Art Unit				
	Herewith						
Invention: OPERATIO	NALIZING A LEARNING SOLU	TION					
	e following correspondence:						
Patent Application, 1 sl Express Mail Certificat	heet of drawings, Fee Transmittal te, and postcard.	, Declaration (unsigned), IDS/PT	O-1449, References,				
	(Identify type	of correspondence)					
is being deposited with	n the United States Postal Service	e "Express Mail Post Office to A	Addressee" service under 37				
CFR 1.10 in an envelo	pe addressed to: Commissioner	for Patents, P.O. Box 1450, Ale	xandria, VA 22313-1450 on				
	12/5/2003						
	(Date)						
		Bethany J. Fitzpa	atrick				
	**************************************	(Typed or Printed Name of Person Ma	uiling Correspondence)				
(Signature of Person Mailing Correspondence)							
EV 342659004US ("Express Mail" Mailing Label Number)							
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Note: Each paper must have its own certificate of mailing.							